

Sequence Listing

<110> Lee, James  
Wood, William I.

<120> Human PF4A Receptors, Nucleic Acid Encoding and  
Antibodies Binding Thereto

<130> P0706P2C2D2C1

<141> 2003-09-19

<150> US 09/104,063

<151> 1988-06-24

<150> US 08/701,265

<151> 1996-08-22

<150> US 08/664,228

<151> 1996-06-06

<150> US 08/076,093

<151> 1993-06-11

<150> US 07/810,782

<151> 1991-12-19

<150> US 07/677,211

<151> 1991-03-29

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<211> 1933  
<212> DNA  
<213> Homo sapien

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cactggcatg ccacacctgc agatgaagatta cagcccctgt atgctagaaaa 150  
ctgagacact caacaagtat gttgtatca tcgcctatgc cctagtgttc 200  
ctgctgagcc tgctggaaa ctcccggtg atgctggtca tcttatacac 250  
cagggtcggc cgctccgtca ctgatgtcta cctgctgaac ctggccttgg 300  
ccgacctaact ctttgcctg accttgcac tctggccgc ctccaagggtg 350  
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ggaagtcaac ttctacagtg gcatacctgct gttggcctgc atcagtgtgg 450

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gccggggccctt ggatgccact gagattctgg gatttctcca tagctgcctc 950  
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caagatcctg gctatgcatt gcctggtcag caaggagttc ttggcacgtc 1050  
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tgaaaaccat cgatgaagga atatctcttc tcagaaggaa agaataacca 1150  
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cccgaatctg acattagatg agagaacagg gctgaagctg tgtcctcatg 1450  
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aacgagacaa gcagccctta gcccttcccc tctgcagtt ccaggctggc 1850  
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gcaggcagat gttcctaata aagcttctgt tcc 1933

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<211> 350  
<212> PRT  
<213> Homo sapien

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Asn Phe Thr Gly Met Pro Pro Ala Asp Glu Asp Tyr Ser Pro Cys  
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35 40 45  
Tyr Ala Leu Val Phe Leu Leu Ser Leu Leu Gly Asn Ser Leu Val  
50 55 60  
Met Leu Val Ile Leu Tyr Ser Arg Val Gly Arg Ser Val Thr Asp  
65 70 75  
Val Tyr Leu Leu Asn Leu Ala Leu Asp Leu Leu Phe Ala Leu  
80 85 90  
Thr Leu Pro Ile Trp Ala Ala Ser Lys Val Asn Gly Trp Ile Phe  
95 100 105  
Gly Thr Phe Leu Cys Lys Val Val Ser Leu Leu Lys Glu Val Asn  
110 115 120  
Phe Tyr Ser Gly Ile Leu Leu Ala Cys Ile Ser Val Asp Arg  
125 130 135  
Tyr Leu Ala Ile Val His Ala Thr Arg Thr Leu Thr Gln Lys Arg  
140 145 150  
His Leu Val Lys Phe Val Cys Leu Gly Cys Trp Gly Leu Ser Met  
155 160 165  
Asn Leu Ser Leu Pro Phe Phe Leu Phe Arg Gln Ala Tyr His Pro  
170 175 180  
Asn Asn Ser Ser Pro Val Cys Tyr Glu Val Leu Gly Asn Asp Thr  
185 190 195  
Ala Lys Trp Arg Met Val Leu Arg Ile Leu Pro His Thr Phe Gly  
200 205 210  
Phe Ile Val Pro Leu Phe Val Met Leu Phe Cys Tyr Gly Phe Thr  
215 220 225  
Leu Arg Thr Leu Phe Lys Ala His Met Gly Gln Lys His Arg Ala  
230 235 240  
Met Arg Val Ile Phe Ala Val Val Leu Ile Phe Leu Leu Cys Trp  
245 250 255  
Leu Pro Tyr Asn Leu Val Leu Leu Ala Asp Thr Leu Met Arg Thr  
260 265 270

Gln Val Ile Gln Glu Thr Cys Glu Arg Arg Asn Asn Ile Gly Arg  
275 280 285

Ala Leu Asp Ala Thr Glu Ile Leu Gly Phe Leu His Ser Cys Leu  
290 295 300

Asn Pro Ile Ile Tyr Ala Phe Ile Gly Gln Asn Phe Arg His Gly  
305 310 315

Phe Leu Lys Ile Leu Ala Met His Gly Leu Val Ser Lys Glu Phe  
320 325 330

Leu Ala Arg His Arg Val Thr Ser Tyr Thr Ser Ser Ser Val Asn  
335 340 345

Val Ser Ser Asn Leu  
350

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<211> 1737  
<212> DNA  
<213> Homo sapien

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tatgactcca tgaaggaacc ctgtttccgt gaagaaaatg ctaatttcaa 200  
taaaatcttc ctgcccacca tctactccat catcttctta actggcattg 250  
tgggcaatgg attggtcatc ctggtcatgg gttaccagaa gaaactgaga 300  
agcatgacgg acaagtacag gctgcacctg tcagtggccg acctcctctt 350  
tgtcatcacg cttcccttct gggcagttga tgccgtggca aactggtaact 400  
ttgggaacct cctatgcaag gcagtccatg tcatactacac agtcaacctc 450  
tacagcagtg tccttcatcct ggccttcatc agtctggacc gctacctggc 500  
catcgccac gccaccaaca gtcagaggcc aaggaagctg ttggctgaaa 550  
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gacttcatct ttgccaacgt cagtggggca gatgacagat atatctgtga 650  
ccgcttctac cccaatgact tgtgggtggt tgtgttccag tttcagcaca 700  
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attatcatct ccaagctgtc acactccaag ggccaccaga agcgcaaggc 800  
cctcaagacc acatgtcatcc tcatcctggc tttcttcgcc tggatccatc 850  
cttactacat tggatcagc atcgactcct tcataccttc gaaatcatac 900

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tccttgagc caaattaaa acctctgcc agcacgcac cacctctgtg 1050  
agcagagggt ccagcctcaa gatcctctcc aaaggaaagc gaggtggaca 1100  
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acagatgtaa aagactttt ttatacgt aaataactt ttttaagtt 1200  
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cttggat tttgtcttg tgtttctta gttttgtga agtttaattt 1300  
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gttttcctg ttcttaagac gtgatttgc tgtagaagat ggcacttata 1550  
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<211> 352  
<212> PRT  
<213> Homo sapien

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Glu Glu Asn Ala Asn Phe Asn Lys Ile Phe Leu Pro Thr Ile Tyr  
35 40 45  
Ser Ile Ile Phe Leu Thr Gly Ile Val Gly Asn Gly Leu Val Ile  
50 55 60  
Leu Val Met Gly Tyr Gln Lys Lys Leu Arg Ser Met Thr Asp Lys  
65 70 75  
Tyr Arg Leu His Leu Ser Val Ala Asp Leu Leu Phe Val Ile Thr  
80 85 90

Leu	Pro	Phe	Trp	Ala	Val	Asp	Ala	Val	Ala	Asn	Trp	Tyr	Phe	Gly
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Asn	Phe	Leu	Cys	Lys	Ala	Val	His	Val	Ile	Tyr	Thr	Val	Asn	Leu
				110					115					120
Tyr	Ser	Ser	Val	Leu	Ile	Leu	Ala	Phe	Ile	Ser	Leu	Asp	Arg	Tyr
				125					130					135
Leu	Ala	Ile	Val	His	Ala	Thr	Asn	Ser	Gln	Arg	Pro	Arg	Lys	Leu
				140					145					150
Leu	Ala	Glu	Lys	Val	Val	Tyr	Val	Gly	Val	Trp	Ile	Pro	Ala	Leu
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Leu	Leu	Thr	Ile	Pro	Asp	Phe	Ile	Phe	Ala	Asn	Val	Ser	Glu	Ala
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Asp	Asp	Arg	Tyr	Ile	Cys	Asp	Arg	Phe	Tyr	Pro	Asn	Asp	Leu	Trp
				185					190					195
Val	Val	Val	Phe	Gln	Phe	Gln	His	Ile	Met	Val	Gly	Leu	Ile	Leu
				200					205					210
Pro	Gly	Ile	Val	Ile	Leu	Ser	Cys	Tyr	Cys	Ile	Ile	Ile	Ser	Lys
				215					220					225
Leu	Ser	His	Ser	Lys	Gly	His	Gln	Lys	Arg	Lys	Ala	Leu	Lys	Thr
				230					235					240
Thr	Val	Ile	Leu	Ile	Leu	Ala	Phe	Phe	Ala	Cys	Trp	Leu	Pro	Tyr
				245					250					255
Tyr	Ile	Gly	Ile	Ser	Ile	Asp	Ser	Phe	Ile	Leu	Leu	Glu	Ile	Ile
				260					265					270
Lys	Gln	Gly	Cys	Glu	Phe	Glu	Asn	Thr	Val	His	Lys	Trp	Ile	Ser
				275					280					285
Ile	Thr	Glu	Ala	Leu	Ala	Phe	Phe	His	Cys	Cys	Leu	Asn	Pro	Ile
				290					295					300
Leu	Tyr	Ala	Phe	Leu	Gly	Ala	Lys	Phe	Lys	Thr	Ser	Ala	Gln	His
				305					310					315
Ala	Leu	Thr	Ser	Val	Ser	Arg	Gly	Ser	Ser	Leu	Lys	Ile	Leu	Ser
				320					325					330
Lys	Gly	Lys	Arg	Gly	Gly	His	Ser	Ser	Val	Ser	Thr	Glu	Ser	Glu
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Ser	Ser	Ser	Phe	His	Ser	Ser								
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<211> 1679

<212> DNA

<213> Homo sapien

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gaaaacacta aagggtggagt caaaagacct gagttcaagt cccagctctg 150  
ccactggta gctgtggat ctggaaaag acccagttaga aaaaaaaaaa 200  
aaagtatgatga gttgtgaggc aggtcgccgc cctactgcct caggagacga 250  
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<211> 372  
<212> PRT  
<213> Homo sapien

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Ser Leu Val Glu Asn His Leu Cys Pro Ala Thr Glu Gly Pro Leu  
35 40 45  
Met Ala Ser Phe Lys Ala Val Phe Val Pro Val Ala Tyr Ser Leu  
50 55 60  
Ile Phe Leu Leu Gly Val Ile Gly Asn Val Leu Val Leu Val Ile  
65 70 75  
Leu Glu Arg His Arg Gln Thr Arg Ser Ser Thr Glu Thr Phe Leu  
80 85 90  
Phe His Leu Ala Val Ala Asp Leu Leu Leu Val Phe Ile Leu Pro  
95 100 105  
Phe Ala Val Ala Glu Gly Ser Val Gly Trp Val Leu Gly Thr Phe  
110 115 120  
Leu Cys Lys Thr Val Ile Ala Leu His Lys Val Asn Phe Tyr Cys  
125 130 135  
Ser Ser Leu Leu Leu Ala Cys Ile Ala Val Asp Arg Tyr Leu Ala  
140 145 150  
Ile Val His Ala Val His Ala Tyr Arg His Arg Arg Leu Leu Ser  
155 160 165  
Ile His Ile Thr Cys Gly Thr Ile Trp Leu Val Gly Phe Leu Leu  
170 175 180  
Ala Leu Pro Glu Ile Leu Phe Ala Lys Val Ser Gln Gly His His  
185 190 195  
Asn Asn Ser Leu Pro Arg Cys Thr Phe Ser Gln Glu Asn Gln Ala  
200 205 210

Glu Thr His Ala Trp Phe Thr Ser Arg Phe Leu Tyr His Val Ala  
215 220 225

Gly Phe Leu Leu Pro Met Leu Val Met Gly Trp Cys Tyr Val Gly  
230 235 240

Val Val His Arg Leu Arg Gln Ala Gln Arg Arg Pro Gln Arg Gln  
245 250 255

Lys Ala Val Arg Val Ala Ile Leu Val Thr Ser Ile Phe Phe Leu  
260 265 270

Cys Trp Ser Pro Tyr His Ile Val Ile Phe Leu Asp Thr Leu Ala  
275 280 285

Arg Leu Lys Ala Val Asp Asn Thr Cys Lys Leu Asn Gly Ser Leu  
290 295 300

Pro Val Ala Ile Thr Met Cys Glu Phe Leu Gly Leu Ala His Cys  
305 310 315

Cys Leu Asn Pro Met Leu Tyr Thr Phe Ala Gly Val Lys Phe Arg  
320 325 330

Ser Asp Leu Ser Arg Leu Leu Thr Lys Leu Gly Cys Thr Gly Pro  
335 340 345

Ala Ser Leu Cys Gln Leu Phe Pro Ser Trp Arg Arg Ser Ser Leu  
350 355 360

Ser Glu Ser Glu Asn Ala Thr Ser Leu Thr Thr Phe  
365 370